



Supplemental Type Certificate

Number: SVA566

This certificate issued to: Bowden Engineering Solutions
67 Education Rd
Happy Valley, SA, 5159

certifies that the change in the type design for the following product with the limitations as specified herein meets the airworthiness requirements of Part 3 of the Civil Air Regulations (CAR 3), being the original product certification basis, and additional FAR Part 23 regulations as specified.

Original Product: Type or Type Acceptance Certificate Number: A141
Referenced TC Number (if applicable): FAA 3A21
Make: Cessna
Model: 210M
Serial No: 21062329

Description of Type Design Change:

Repair of Wing Upper and Lower Spar Caps, using newly manufactured spar cap sections manufactured in accordance with Manufacturing Drawings ESD-C210-57-001 Issue 01 (Spar cap lower L/H and R/H) and ESD-C210-57-002 Issue 01 (Spar cap upper L/H and R/H) and Installation documentation ESE-C210-57-008 Issue 1 – Replacement of Wing Main Spar Caps and ESD-C210-57-003 Issue 01 – Jigging and Trestling Support of the Wing Structure to replace Spar Caps.

Limitations and Conditions:

This certificate and the attached **Supplemental Type Certificate Data Sheet** which is the basis for approval shall remain in effect until suspended, cancelled or a termination date is otherwise established by the Civil Aviation Safety Authority.

Date of application: 10 December 2014
Date of issuance: 16 December 2015

This certificate is issued pursuant to Regulation 21.113A of the Civil Aviation Safety Regulations.



Glen Steemson
Delegate of the Authority

This certificate may be transferred in accordance with CAR (1998) 21.47

Supplemental Type Certificate Data Sheet

Number: SVA566
Revision: Original Issue
Date: 16 December 2015
Reference Type Certificate: FAA 3A21

Limitations and Conditions:

Nil.

Serial Number Applicability:

Approval of this change in type design applies only to eligible aircraft serial numbers as listed:

| <u>Model</u> | <u>Serial Number/s</u> |
|--------------|------------------------|
| Cessna 210M | 21062329 |

Certification Basis: CAR 3, as per FAA TCDS 3A21 Rev 46, March 31, 2003. Additional compliance was demonstrated and found against FAR 23.1529 (no additional ICA required or specified).

***Flight Load
Factor Limits:*** Unchanged

Weight Limits: Unchanged

***Centre of Gravity
Limits*** Unchanged

Equipment: Nil Additional

Placards/Limitations: Nil Additional

***Continuing
Airworthiness*** There are no additional Instructions for Continued Airworthiness.

Revision Status: 1. Original Issue dated 16 December 2015

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